

From: [Sivertsen, Scott](#)
To: [Hale, Sallie](#)
Subject: Re: SESD Address for Dalton, GA sample containers
Date: Wednesday, March 18, 2009 5:13:22 PM

I spoke w/ Mike and he said that the volumes will be 200 mL for the 250 mL bottles and 400 - 450 mL for the larger size.

There's no time to do the up-front work (correctly) before sampling. I suspect that there will, however, be time available to do the sampling and analysis again. Maybe we should unleash the QAM...

Sallie Hale/R4/USEPA/US

03/18/2009 03:04 PM

To

Scott Sivertsen/R4/USEPA/US@EPA

cc

Subject

Re: SESD Address for Dalton, GA sample containers

Good point. I have thought about that too but not about Larry checking our sodium thiosulfate. We sure can't.

Scott Sivertsen/R4/USEPA/US

03/18/2009 01:00 PM

To

Mike Neill/R4/USEPA/US@EPA

cc

Diana Burdette/R4/USEPA/US@EPA, Sallie Hale/R4/USEPA/US@EPA,
sivertsen.scott@epa.gov

Subject

Re: SESD Address for Dalton, GA sample containers

Mike, what volume of water will be in each of these sample containers? We need to know, because the spiking is performed on a vol/vol basis.

> There will be twenty one 250 ml-containters and seven 500 ml-containers that will be prepared with sodium thiosulfate.

> Addiionally there will be three 250 ml and two 500 ml-water blanks containers that will require preparation with sodium thiosulfate.

I have an additional concern. We have not demonstrated the sodium thiosulfate to be free from interferences. The possibility exists that there may be so much interference present as to make the sample data unusable. Are we prepared to say that the effort to collect and analyze the 7 DW samples is a bust and the data is non-reportable due to blank contamination? If this is a time sensitive project, then we are left with little choice. If we have the luxury of time, I think it would be wise to have Larry check our reagents for contamination, prior to sampling. Apologies if this has been discussed; I haven't seen it if it has.

Scott

Mike Neill/R4/USEPA/US

03/18/2009 12:37 PM

To

Diana Burdette/R4/USEPA/US@EPA

cc

Sallie Hale/R4/USEPA/US@EPA, sivertsen.scott@epa.gov

Subject

Re: SESD Address for Dalton, GA sample containers

Diana,

1. 15 water (8 raw and 7 treated) samples are proposed to be collected.

ONLY treated samples containers need to be prepared with sodium thiosulfate.

1 sample = (3) 250 ml + (1) 500ml

There will be twenty one 250 ml-containters and seven 500 ml-containers that will be prepared with sodium thiosulfate.

Adiitionally there will be three 250 ml and two 500 ml-water blanks containers that will require preparation with sodium thiosulfate.

2. The request is from the Water Division, and I do not believe that there is ESAT funding. But you may check.

3. Yes, NEIC is shipping us empty (methanol washed) containers to use for this sampling investigation. However, the water blanks will be filled containers.

4. We will be sampling on Monday March 30, and would like to have the containers by Fri. 3/27.

5. No we do not typically use these containers and therefore do not keep them in stock, and we will not be ordering them. When the containers arrive, please tally both volumes (250 & 500 ml). If there are less than 45 empty 250-ml and 15 empty 500-ml, we will need to eliminate some of the proposed sample locations which will impact on the number of containers that need to be prepared with sodium thiosulfate.

Thanks, Mike x8614

Diana Burdette/R4/USEPA/US

03/18/2009 11:59 AM

To

Mike Neill/R4/USEPA/US@EPA

cc

sivertsen.scott@epa.gov, Sallie Hale/R4/USEPA/US@EPA

Subject

Re: SESD Address for Dalton, GA sample containers

Mike,

I need to know the following to prepare for this sampling event:

1. How many samples total are we talking about?
2. Are there funds to use ESAT support to prepare the bottles?
3. Ben Costales notes in his email that he is shipping containers, does he mean he is shipping the empty containers he spoke of in his email? Are they coming to us so we can use for this sampling event?
4. When are you going to take these samples?
5. Are these size containers at FEC, we don't have them in stock here at OCS. If FEC does not have these containers, will FEC order the containers needed?

Thanks, Diana

----- Forwarded by Diana Burdette/R4/USEPA/US on 03/18/2009 11:49 AM -----

Sallie Hale/R4/USEPA/US

03/17/2009 09:45 PM

To

sivertsen.scott@epa.gov, burdette.diana@epa.gov

cc

Subject

Fw: SESD Address for Dalton, GA sample containers

We need to discuss this email at our meeting.

-----Forwarded by Sallie Hale/R4/USEPA/US on 03/17/2009 09:44PM -----

To: Ben Costales/NEIC/USEPA/US@EPA, Mike Neill/R4/USEPA/US@EPA, Sallie Hale/R4/USEPA/US@EPA

From: Larry Strattan/NEIC/USEPA/US

Date: 03/17/2009 06:58PM

Subject: Fw: SESD Address for Dalton, GA sample containers

Ben,

I have the containers almost ready to go - I need to prepare blanks. This is project VP0843. Please ship them to Sallie Hale at the address below.

Sallie Hale

USEPA, SESD

980 College Station Rd.

Athens, GA 30605

(706) 355-8815

Hi Sallie,

Hope things are going well. You could be doing this (PFC analysis) soon, especially if you show the slightest interest.

Mike,

Ben's phone number is 303-462-9131, if the need arises. Ben is trying to find a cooler large enough to ship the samples back in. The address above is from a later email, telling me where to send the containers, and not to the address below. If sending them to Sallie is not what you intend, let me know ASAP. We won't ship the bottles until Wednesday afternoon.

I have decided on containers. I want 3 250-mL, and 1 500-mL containers per sample. Based on Dan Olone's email from 3/16/09, it looks like everything is being collected in duplicate to start with; that is good. There are not a lot of extra bottles, especially the 250-mL ones; I think there are 45 or 46. [We ran out, and they are on order, but are not here yet.] Do 3 250-mL containers per sample as much as possible, but do 2 if need be. The Region 4 lab probably has the same containers; if they could supply some, that would be OK. I rinsed these with methanol (single 10-mL portion of methanol and let air dry). My intent is to put 200 mL of sample through a solid phase extraction cartridge, so collect about 200 mL per 250-mL container. That is about 3/4 of the way up the container towards the shoulder of the bottle. I marked 200 mL on one of the bottles, but eyeballing the volume is fine. We will get the volume analyzed by weight when we extract the sample, and by using the entire container, we can rinse the container when extracting.

We have never talked about blanks. I will need blanks with and without the sodium thiosulfate you will be using. I will include 4 500-mL bottles with water, and 6 250-mL bottles with water for blanks. Please add appropriate amounts of thiosulfate to half of each size, label, and send them back with the samples. They will not be iced for the outbound shipping.

That is all I can think of for now. You should have time to respond to this tomorrow before we ship the containers.

----- Forwarded by Larry Strattan/NEIC/USEPA/US on 03/17/2009 04:10 PM -----

From:

Mike Neill/R4/USEPA/US

To:

Larry Strattan/NEIC/USEPA/US@EPA

Date:

02/25/2009 07:21 AM

Subject:

Re: SESD Address for Dalton, GA sample containers

Larry,

Sorry about the unfinished email, but I went to look up the SESD's Field Equipment Center address and I accidentally sent it.

Here is our address:

USEPA, SESD

396 Commerce, Blvd.

Bogart, GA 30622

Attn: Mike Neill

(706) 355-8614

Thanks, Mike